

...APRIL 2011 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...

APRIL 2011 WAS A COOL AND DRY MONTH OVERALL. APRIL DID NOT START OFF COOL. RECORD WARMTH OCCURRED ON FRIDAY THE 1ST WHEN TEMPERATURES WARMED INTO THE 80S AND LOWER 90S. THE FIRST DAY OF APRIL TURNED OUT TO BE THE WARMEST OF THE MONTH. TEMPERATURES THEREAFTER WERE MOSTLY NEAR NORMAL OR BELOW NORMAL. IN FACT...JUST ONE WEEK AFTER THE RECORD WARMTH ON THE FIRST...TEMPERATURES PLUMMETED INTO RECORD COOL TERRITORY WHEN A COLD UPPER LOW DROPPED SOUTH THROUGH CALIFORNIA ON THE 7TH AND 8TH. THE UPPER LOW GENERATED SCATTERED SHOWERS WITH MOSTLY LIGHT AMOUNTS OF RAINFALL. ISOLATED THUNDERSTORMS RUMBLED THROUGH THE SANTA CLARA VALLEY ON THE 7TH...PRODUCING SMALL HAIL. AN INTENSE SHOWER DURING THE EARLY MORNING HOURS OF THE 8TH PRODUCED ENOUGH SMALL HAIL IN SAN JOSE TO COVER ROAD SURFACES. THE SYSTEM WAS COLD ENOUGH TO GENERATE SNOW SHOWERS IN THE HILLS. LICK OBSERVATORY ON MOUNT HAMILTON PICKED UP A HALF INCH OF SNOW ON THE 7TH AND ANOTHER HALF INCH ON THE 8TH.

THE WEATHER FOR THE REMAINDER OF THE MONTH WAS RATHER UNEVENTFUL. A SERIES OF WEAK UPPER LEVEL TROUGHS MAINTAINED COOL CONDITIONS AND GENERATED LIGHT AMOUNTS OF RAINFALL AT TIMES...PRIMARILY FROM THE 18TH THROUGH THE 25TH. RAIN TOTALS FOR THE MONTH WERE WELL BELOW THE 30-YEAR APRIL NORMAL. MOST LOCATIONS ACCUMULATED BETWEEN 20 AND 40 PERCENT OF NORMAL RAINFALL. A FEW LOCATIONS MANAGED TO PICK UP ABOUT HALF THEIR NORMAL AMOUNT OF RAIN. REGARDLESS OF THE DRY APRIL... YEAR-TO-DATE RAINFALL TOTALS AS OF APRIL 30TH WERE STILL ABOVE NORMAL AT MOST REPORTING LOCATIONS ACROSS THE REGION.

...APRIL REGIONAL TEMPERATURE SUMMARY...

LOCATION	AVG HIGH	NORMAL HIGH	DEPARTURE FROM NORMAL	AVG LOW	NORMAL LOW	DEPARTURE FROM NORMAL
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NORTH BAY...

KENTFIELD	64.6	70.5	-5.9	46.5	45.3	1.2
SAN RAFAEL	63.5	69.1	-5.6	46.7	47.1	-0.4

SAN FRANCISCO PENINSULA...

HALF MOON BAY	61.6	60.8	0.8	44.0	44.7	-0.7
REDWOOD CITY	65.6	70.4	-4.8	46.0	45.7	0.3
SAN FRANCISCO AIRPORT	62.2	64.5	-2.3	48.8	48.1	0.7
SAN FRANCISCO DOWNTOWN	61.2	64.1	-2.9	49.1	50.2	-1.1

EAST BAY...

FREMONT	65.5	68.1	-2.6	47.2	48.0	-0.8
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LIVERMORE	67.9	71.4	-3.5	45.1	44.2	0.9
MARTINEZ	69.4	72.4	-3.0	45.1	46.3	-1.2
MOUNT DIABLO						
JUNCTION	59.2	64.8	-5.6	42.1	43.1	-1.0
OAKLAND	65.2	66.6	-1.4	49.8	50.7	-0.9

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	70.3	71.9	-1.6	40.5	41.6	-1.1
MOUNT HAMILTON	51.9	55.8	-3.9	38.1	40.0	-1.9
SAN JOSE	67.0	70.7	-3.7	47.7	48.2	-0.5

MONTEREY AND SAN BENITO COUNTIES...

HOLLISTER	67.4	70.7	-3.3	45.9	44.1	1.8
KING CITY	71.5	74.2	-2.7	43.0	42.0	1.0
MONTEREY	61.2	64.3	-3.1	46.0	46.3	-0.3
SALINAS AIRPORT	66.4	67.0	-0.6	46.0	45.9	0.1

...APRIL REGIONAL PRECIPITATION SUMMARY...

LOCATION	APR TOTAL	AVERAGE APR PRECIP	PERCENT OF NORMAL
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NORTH BAY...

FORT ROSS	1.06	2.41	44
KENTFIELD	1.11	2.55	44
NAPA	0.59	1.45	41
PETALUMA	0.55	1.40	39
SAINT HELENA	0.48	1.75	27
SAN RAFAEL	0.19	1.62	12
SANTA ROSA	0.66	1.69	39

SAN FRANCISCO PENINSULA...

HALF MOON BAY	0.64	1.77	36
REDWOOD CITY	0.18	1.07	17
SAN FRANCISCO			
AIRPORT	0.33	1.17	28
SAN FRANCISCO			
DOWNTOWN	0.56	1.22	46

EAST BAY...

BERKELEY	0.66	1.71	39
CONCORD	0.25	1.01	25
FREMONT	0.09	1.15	8
LIVERMORE	0.22	0.95	23
MARTINEZ	0.21	1.04	20
MOUNT DIABLO			
JUNCTION	0.73	1.45	50
OAKLAND	0.35	1.35	26

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	0.59	2.78	21
GILROY	0.26	1.16	22
MOUNT HAMILTON	1.03	1.77	58
SAN JOSE	0.20	1.02	20
SANTA CRUZ	0.66	1.97	34
WATSONVILLE	0.27	1.62	17

MONTEREY AND SAN BENITO COUNTIES...

CARMEL VALLEY	0.40	1.48	27
HOLLISTER	0.25	0.84	30
KING CITY	0.16	0.71	23
MONTEREY	0.31	1.48	21
PINNACLES NAT MON	0.23	1.12	21
SALINAS AIRPORT	0.11	0.91	12

...DAILY TEMPERATURE RECORDS FOR APRIL 2010...

DATE	LOCATION	RECORD MAXIMUM TEMP	PREVIOUS RECORD
4/01	SAN JOSE	84	83 IN 1966
4/01	MONTEREY	86	84 IN 2000
4/01	SALINAS	90	89 IN 1959
4/01	KING CITY	94	91 IN 1985
4/01	SANTA CRUZ	86	86 IN 1959

		RECORD MINIMUM TEMP	PREVIOUS RECORD
4/08	SALINAS	35	36 IN 2001
4/08	SAN FRANCISCO AIRPORT	41	41 IN 1980

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE....61.2....35TH COOLEST OUT OF 136 YEARS
 AVERAGE LOW TEMPERATURE.....49.1....58TH COOLEST OUT OF 136 YEARS
 PRECIPITATION.....0.56 INCHES....50TH DRIEST OUT OF 161 YEARS

...MONTHLY EXTREMES FOR SELECT LOCATIONS...

LOCATION	WARMEST DAY(S)	COOLEST DAY(S)	WETTEST DAY(S)
SANTA ROSA	4/01 81 DEG	4/08 4/09 34 DEG	4/21 0.30 IN
SAN FRANCISCO	4/01 81 DEG	4/08 44 DEG	4/24 0.13 IN
SAN JOSE	4/01 84 DEG	4/09 39 DEG	4/07 0.09 IN
SALINAS AP	4/01 88 DEG	4/09 36 DEG	4/07 0.08 IN

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
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